130 8001 1.03

US
English

Operating Manual

eGO LOOK

1 Table of contents

1	TABLE OF CONTENTS	2
2	LIST OF ILLUSTRATIONS	5
3	INTRODUCTION / FOREWORD	6
4	SAFETY NOTES	7
5	SCOPE OF DELIVERY / PACKAGE CONTENTS	8
6	INSTALLATION INSTRUCTIONS	9
6.1	Required configuration	9
6.1.1	Vehicle	9
6.1.2	Mobile phone	9
6.1.3	Muting (radio mute switch)	9
6.1.4	Converting the EGO LOOK into a previously installed Funkwerk hands-free car kit	9
6.1.5	Add-on speakers / Car audio telephone connection	10
6.1.6	Car radio line-in	10
6.2	Installation locations	10
6.2.1	Checking cable lengths	10
6.2.2	Selection of site for installing the electronics box	10
6.2.3	Selection of site for installing the microphone	11
6.2.4	Selection of site for installing the radio controller	12
6.2.5	Selection of site for installing the display	12
6.3	Installation	13
6.3.1	Mounting the electronics box	13
6.3.2	Mounting the microphone	13
6.3.3	Inserting the battery in the radio controller	14
6.3.4	Mounting the radio controller	14
6.3.5	Mounting the display	15
6.4	Connection scheme	16

6.5 Installing the ISO connection cable 17
6.5.1 Checking the mute inputs 17
6.5.2 Checking the installation 19
6.5.3 Additional external speakers 19
6.6 Connecting the components to the electronics box 20
7 OPERATING INSTRUCTIONS 22
7.1 Features 22
7.1.1 Overview of features 22
7.2 Controls 23
7.3 Getting started with the EGO LOOK controller 24
7.4 Symbols 25
7.4.1 Symbols in the status bar 25
7.4.2 Speller symbols 26
7.4.3 Symbols for menu options 27
7.4.4 Contact list number types 27
7.4.5 Music player symbols/buttons 27
7.5 Speller 28
7.6 Getting started 28
7.6.1 About Bluetooth® technology 29
7.6.2 Activating the controller 29
7.6.3 On / Off function 29
7.6.4 Entering the Bluetooth® PIN 30
7.6.5 Hands-free mode 30
7.6.6 Automatic coupling 30
7.7 The menus 31
7.7.1 User management 34
7.7.2 Calling 35
7.7.3 Contacts list 38

7.7.4	Call history	40
7.7.5	Voicemail	40
7.7.6	SMS	40
7.7.7	Music player	41
7.7.8	Dictation function	42
7.7.9	Settings	43
7.8	Voice control	46
8	**SOFTWARE UPDATE**	**53**
9	**SERVICE**	**54**
10	**ACCESSORIES AND SPARE PARTS**	**56**
11	**TECHNICAL SPECIFICATIONS**	**58**
12	**CERTIFICATION**	**58**
13	**CONFORMITY STATEMENT**	**59**
14	**HOTLINE**	**61**

2 List of illustrations

Fig. 01	Scope of delivery	8
Fig. 02	Signal direction of the Bluetooth® antenna	10
Fig. 03	Installation location of the electronics box	11
Fig. 04	Installation location of the microphone	11
Fig. 05	Installation location of the radio controller	12
Fig. 06	Installation location of the display	12
Fig. 07	Assembly dimensions of the electronics box	13
Fig. 08	Connection for the mini ISO connection cable	16
Fig. 09	Installation procedure	17
Fig. 10	Setting the PIN according to device type	18
Fig. 11	Connector assignments	18
Fig. 12	Connection system	18
Fig. 13 a/b	Voltage supply cable – exchange	19
Fig. 14	Connecting external loudspeakers	20
Fig. 15	Connecting electronics box	21
Fig. 16	Status bar	25

3 Introduction / foreword

Congratulations on your new EGO!

The EGO LOOK combines functionality with a brilliant visual effect. This is evident in its beautiful design, in the numerous functions, and primarily in its color display. The high-resolution display is generously sized and provides you with all the important information such as contact list entries, SMS (text) messages, and more. Intuitive menu prompting and wireless remote control ensure that you always have an overview.

The installation of your EGO LOOK in your car requires specialized knowledge and skills. We therefore recommend that the installation be performed by a qualified professional.

Before installation in your car, please make sure that your mobile phone is fully compatible with EGO LOOK. If you are uncertain, please consult your dealer or a qualified workshop. Our service team will also be happy to help you with any information you may require. Further information on compatibility between EGO LOOK and various mobile phones can be found on our website.

4 Safety notes

1. **Incorrect installation** – Incorrect installation may lead to damage to the units and/or your car! Specialized knowledge and skills are required for installing the system. We strongly recommend that the system be installed by a qualified professional.
2. **Risk of injury** – Unsuitable installation locations may become a source of injury in an accident situation, or may inhibit the correct functioning of essential safety equipment. Please carefully read the notes in the „Installation" chapter carefully!
3. **Risk of injury/material damage** – the removal of vehicle lining with sharp or pointed objects may lead to injuries or material damage.
4. **Road safety risk** – Diverted attention can lead to dangerous situations in traffic. Even when using hands-free phone systems, your complete attention must be paid to the current traffic conditions. It is always advisable to avoid phone calls while driving in difficult traffic situations!
5. **Damage to airbags** – An incorrect installation location may cause damage to, or inhibit the correct function of, your airbags. Do not install the components within the deployment area of the airbags!
6. **Insulation damage** – Damaged insulation can lead to equipment and wiring damage. The cables and leads may not be under tension when installed. Install the cables and leads in such a way as to avoid pinching or abrasion.
7. **Polarity and shorting damage** – Cables connected with reversed polarity, or in such a way as to produce a short circuit, can lead to serious damage to your equipment. Before commencing installation, make sure that the car battery is disconnected.
8. **Damage to essential vehicle components** – Essential vehicle components or wiring can be damaged when drilling mounting holes or screwing in self-threading screws. Please make sure there is always sufficient space behind the screw holes and drilled holes!
9. **Interference with on-board electronics** – Despite the extreme protection against interference, incorrect installation can lead to interference with the vehicle electronic systems. Please read the vehicle manufacturer's notes to this effect!
10. **Appropriate use** – The EGO LOOK is intended exclusively for use in vehicles with Bluetooth® mobile phones and A2DP devices.
11. **Damage caused by inappropriate replacement parts** – Inappropriate spare or replacement parts may lead to malfunctions. Please use only the approved parts listed in the section „Spares parts and accessories"!
12. **Road safety risk** – For your own safety, never initiate the coupling procedure while your vehicle is in motion!

5 Scope of delivery / package content

[1] Electronics box
[2] Display and base
[3] Radio controller including battery (CR2477 type)
[4] Microphone
[5] ISO-cable for connection to the car electrical system
[6] Adhesive pad for the base
[7] Quick Guide
[8] Safety manual

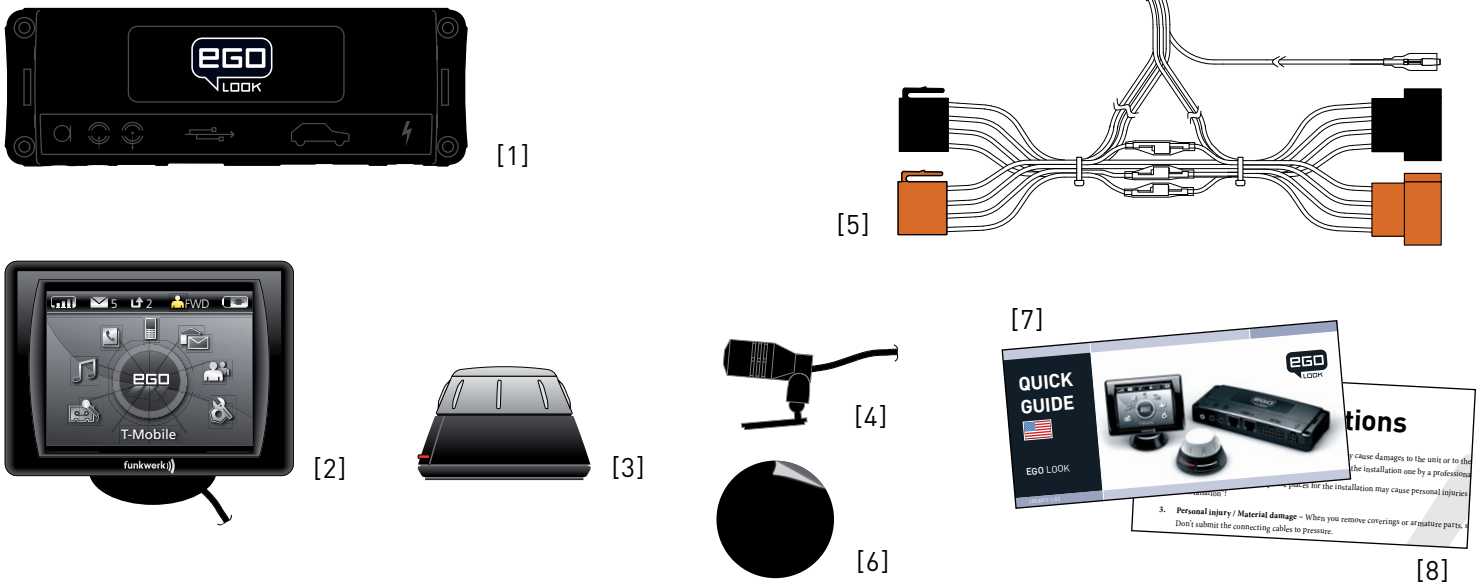


Fig. 01:
Scope of Delivery

PLEASE MAKE SURE THE CONTENT OF THE PACKAGE is complete. If any parts are missing, please don't hesitate to contact our service hotline team: (+1) 858.566.2170, Mon – Fri, 8 AM to 5 PM (PST)

6 Installation instructions

6.1 Required configuration

Before installation of your EGO LOOK, please note which features and connection options are provided by your car audio system. It is advantageous when your audio has the following: a muting function, phone input and line-in. You can find out which of these input options your audio system has in the documentation provided.

6.1.1 Vehicle

The EGO LOOK may only be installed in vehicles with 12 V, with the negative terminal connected to the chassis. If no car audio is installed, an add-on speaker will be required. For the installation of the optional charging cradle, you will require a model-specific mounting that may be purchased from a specialist dealer

6.1.2 Mobile phone

Operation of the EGO LOOK requires a Bluetooth®-compatible mobile phone. You can find a list of supported Bluetooth® telephones online at *www.fwd-online.de*.

6.1.3 Muting (radio mute switch)

The muting function (Radio Muting) ensures that the audio sound is turned off during telephone calls. The system supports the muting function. Your car`s audio documentation will show whether your car audio has a mute option. If your car audio is not equipped with a muting option, you can install the optionally available Stereo Mute Box to facilitate speaker muting.

6.1.4 Converting the EGO LOOK into a previously installed Funkwerk hands-free car kit

An adapter cable is available for customers who already own a Funkwerk hands-free car kit (including the Audio 2000, 3000, Audio blue, Audio com, and Audio compact) and who would like to easily convert the EGO LOOK. The adapter cable connects the EGO LOOK with the ISO cable already installed in your car with your Funkwerk hands-free car kit.

NOTE! This simple converting option is only possible when installing the EGO LOOK without a stereo mute box. To install the EGO LOOK with the stereo mute box, the stereo mute box's ISO connecting cable should be used to connect to the vehicle.

6.1.5 Add-on speakers / Car audio telephone connection

The car's loudspeakers are transferred to the system is by means of switch contacts. These are designed for a peak power handling of 35 W (Sinus). Loudspeaker power handling exceeding 35 W leads to premature wear on the switching contacts. For higher outputs, use the telephone connection of the car audio or a 5 W / 4-Ohm satellite speaker. This port is only designed for voice reproduction.

6.1.6 Car radio line-in

A car audio with a line-in input option is required for music reproduction in stereo. As an alternative to line-in, the car audio may have a mini-ISO port (block connector C), a 0.14 in jack socket or a RCA input socket. An appropriate adapter lead is required for the connection between the EGO LOOK line-out and the line-in version of your audio system. If your car audio system has no line-in option, you can employ the optionally available Stereo Mute Box for stereo reproduction in combination with your car's front speakers.

6.2 Installation locations

RISK OF INJURY! Unsuitable installation locations may become a source of injury in an accident (or emergency braking) situation, or may inhibit the correct functioning of essential safety equipment.

6.2.1 Checking cable lengths

Before you've securely installed the components, check that the installation locations have been selected in such a way that the cable length is sufficient to connect the individual components.

6.2.2 Selection of site for installing the electronics box

The Bluetooth® antenna for the connection to the mobile phone is installed in the electronics box. The antenna transmits directionally towards the front. For this reason,

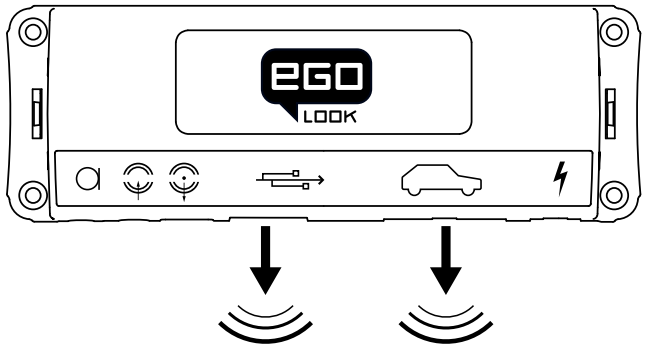


Fig. 02: Signal direction of the Bluetooth® antenna

during installation, ensure that the antenna faces into the passenger cell (see Fig. 02). Vertical mounting is ideal. Metallic screening between the front panel and the passenger cell, such as metal or metallised plastic panels, are unsuitable and may interfere with the Bluetooth® connection. Locations behind the dashboard or in a metal-lined glove compartment are also unsuitable.

A covering in plastic, fabric or wood presents no problems whatsoever.

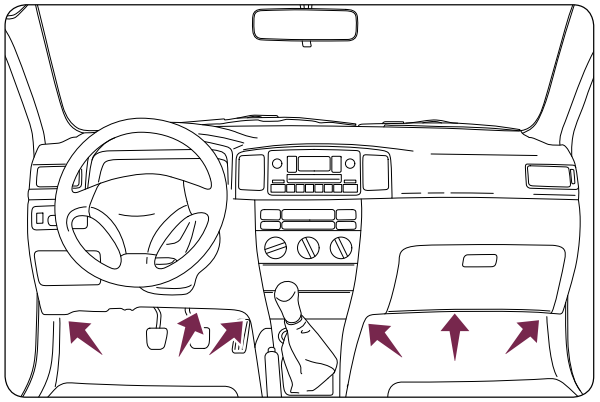


Fig. 03: Installation location of the electronics box

Suitable locations for the electronics box:
Passenger side, next to the middle console under the paneling, model-specific installation console (dealer).
Our suggested installation locations are shown in the illustration on the right.

Further unsuitable locations are:
Leg and knee height, potential head impact zone, airbag inflation space, engine compartment

6.2.3 Selection of site for installing the microphone

Suitable for the microphone:
Where voice can reach the microphone unhindered (distance between the speaker and the microphone should be approx. 13.78 in), on the A-column (between windshield and driver's side window), next to the driver's sun visor, on the dashboard

Unsuitable for the microphone:
Close to the speakers (less than 31 in), under the dashboard, in the air stream from open windows or air vents.

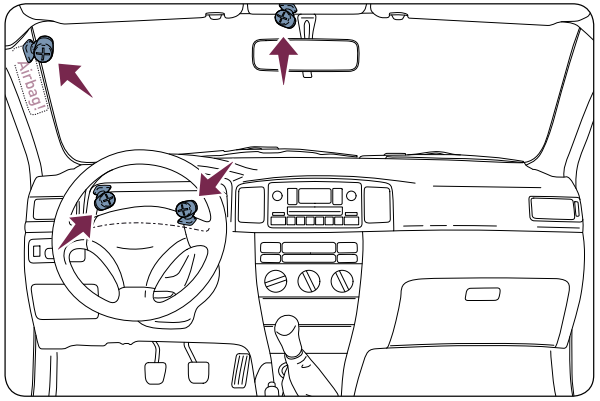


Fig. 04: Installation location of the microphone

The illustration shows one of the potential microphone mounting locations. Alternatively, the microphone may be attached to the sun visor with the clip provided.

6.2.4 Selection of site for installing the radio controller

The following locations are suitable for the radio controller:
In the area above the DIN installation slot, in the vicinity of the steering wheel (at a location within the driver's reach)

The following locations are unsuitable for the radio controller:
Airbag deployment area, possible head impact area, beyond the reach of the driver

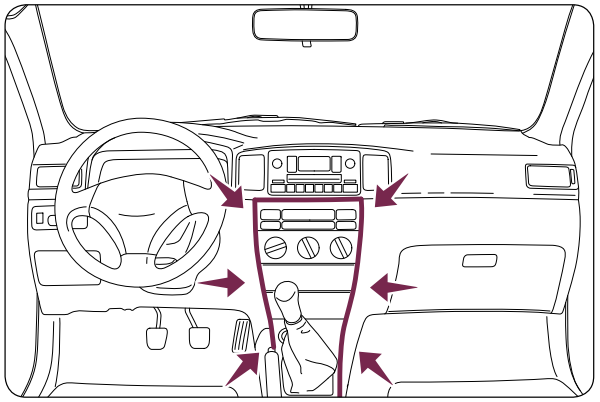


Fig. 05:
Installation location of the radio controller

6.2.5 Selection of site for installing the display

The following locations are suitable for the display:
In the space above the DIN installation shaft, close to the steering wheel (in an easily accessible and visible position),
Note the position of sunlight to avoid reflection on the display

The following locations are unsuitable for the display:
Airbag inflation space, potential head impact zones, out of reach of driver's reach

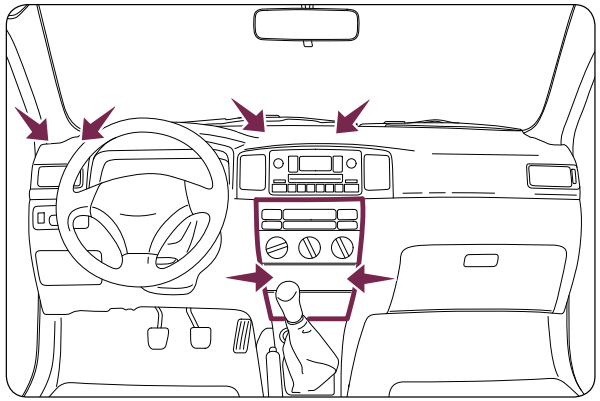


Fig. 06:
Installation location of the display

6.3 Installation

DAMAGE TO ESSENTIAL VEHICLE COMPONENTS! – Essential vehicle components or wiring can be damaged when drilling mounting holes or screwing in self-threading screws. Please make sure there is always sufficient space behind the screw holes and drilled holes!

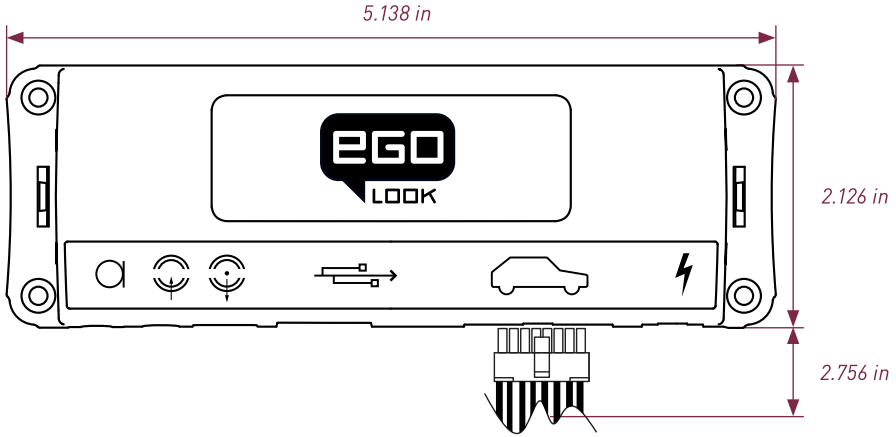


Fig. 07:
Assembly dimensions of the electronics box

6.3.1 Mounting the electronics box

Installation consoles for a number of car models are available from your dealer. These are designed to contain all the system components, including the electronics box. When it is not possible to use an installation console, please proceed as follows:

Define the mounting points
Making sure that there is at least 2.8 in space for the plug and socket connectors. Mark the positions for the fixing screws.

Mounting the electronics box
For mounting the electronics box, use four self-threading screws and appropriate washers. We recommend size “ST 2,9x25 DIN 7981”self-threading screws. These are ideal for the fixing of the electronics box. Pre-drill the holes with a 0.08 in drill.

6.3.2 Mounting the microphone

Define the mounting location
The microphone holder has a self-adhesive strip on the back. The mounting location should have the same form and area

as the self-adhesive strip on the microphone holder. The location selected must allow the microphone cable to reach the electronics box! Position the microphone with the head facing towards the direction of speech.

Cleaning and degreasing the mounting location
The mounting location must be clean and free from grease and dirt/dust. Prior to installation, clean the area with a cleansing product containing ethyl alcohol. Only use products that do not damage plastics or varnished wood finishes and are themselves free of oils or grease. Unsuitable cleansers are, for example, lighter fluid, acetone, turpentine, trichloroethylene and similar products.

Attaching the microphone holder
Peel off the protective backing from the self-adhesive strip. Hold the microphone holder at a distance of several millimetres (about a quarter of an inch) above the desired mounting location. Re-check the positioning. Re-positioning after mounting is no longer possible. Place the microphone holder on the mounting location and fix by applying short and light pressure.

Attaching the microphone
Attach the microphone by sliding it into the holder and position the microphone head towards the direction of speech.

6.3.3 Inserting the battery in the radio controller

Rotate the lower portion of the controller clockwise and the upper portion counterclockwise to open the controller. Lift the upper portion. Insert the supplied battery with the positive terminal downward into the lower portion until it latches. Now place the upper portion on the bottom so that the contacts from the bottom of the controller touch the contact surface in the upper portion. Position the latching tabs in the notches and rotate opposite the opening direction.

6.3.4 Mounting the radio controller

Define the mounting location
The control console is mounted on a smooth service by means of the self-adhesive pad provided. Make sure that the user can easily reach the controller.

Cleaning and degreasing the mounting location
The mounting location must be clean and free from grease and dirt/dust. Prior to installation, clean the area with a cleansing product containing ethyl alcohol. Only use cleansing products that do not damage plastics or varnished wood finishes and are themselves free of oils or grease. Unsuitable cleansers are, for example, lighter fluid, acetone, turpentine, trichloroethylene and similar products.

Gluing the radio controller in position
Remove the protective foil from the adhesive pad on the underside of the controller. Hold the radio controller a few millimeters over the desired installation position. Check the position again – when doing so, keep the position of the red and green buttons in mind. It is not possible to correct the controller after it has been glued in position. Place the radio controller on the adhesive location and briefly apply moderate pressure.

6.3.5 Mounting the display

Determining the mounting location
The display is mounted to a smooth surface using the supplied adhesive pad. The optimal position for this is facing directly at the driver. Keep the effect of lights and sunlight in mind in order to minimize possible reflections.

Cleaning and degreasing the mounting location
The mounting location must be clean and free from grease and dirt/dust. Prior to installation, clean the area with a cleansing product containing ethyl alcohol. Only use cleansing products that do not damage plastics or varnished wood finishes and are themselves free of oils or grease. Unsuitable cleansers are, for example, lighter fluid, acetone, turpentine, trichloroethylene and similar products.

Gluing the display in position
Pull the protective foil from the adhesive strips. Hold the display a few millimeters over the desired installation position. Check the position again. It is not possible to correct the display after it has been glued in place. Place the display on the adhesive location and briefly apply moderate pressure.

Changing the base position
As supplied, the display base is intended for vertical mounting in the vehicle. To change to the horizontal mounting position, unlatch the base, rotate 180° and re-latch the base on the underside of the display.

6.4 Connection scheme

Installation for call reception for a car audio system with a mute input but without a phone input
With this connection option, voice playback is is emitted from the front right car speaker. During calls, the mute input blocks the car audio signal.

NOTE: Please observe the information in section "6.5.1 Checking the mute inputs" on connecting the mute lead of the ISO connecting cable.

Installation for voice playback with a car audio system with phone and mute input options
With this connection option, voice playback comes through the car audio system speakers. During calls, the car radio output is switched to the phone input by the mute input In order to access the phone input of your car audio system, the speaker output of your EGO LOOK must be connected to the phone input of your car audio system. The purple and green leads of the ISO cable must be connected to the car audio phone input for this option. The purple and green leads must be disconnected from the ISO connector. The green lead (pin 14 of the 14-pin plug) should be connected to „Phone Out", and the purple lead (pin 7 of the 14-pin plug) to „Phone In +" of the Mini-ISO socket.

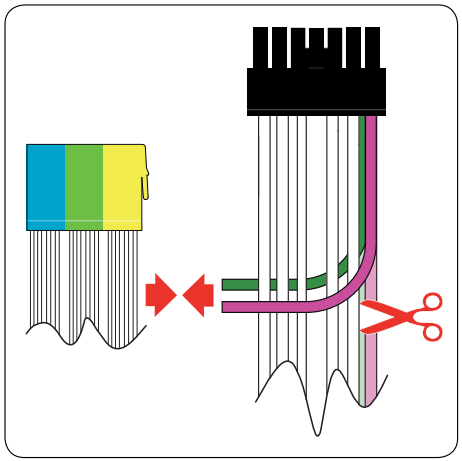


Fig. 08: Connection for the mini ISO connection cable

For information on the phone connection options of your car audio system, please consult the manufacturer's user manual.

NOTE: If your car audio system has different phone connection options from those mentioned here, please consult a qualified professional for installation of the system. Furthermore, please read the section with information on connecting the mute lead of the ISO connection cable, "6.5.1 Checking the mute input".

6.5 Installing the ISO connection cable

The battery must be disconnected before starting cable installation. Disconnect the grounding cable from the negative pole of the battery. The cable installation procedure is shown in the illustrations.

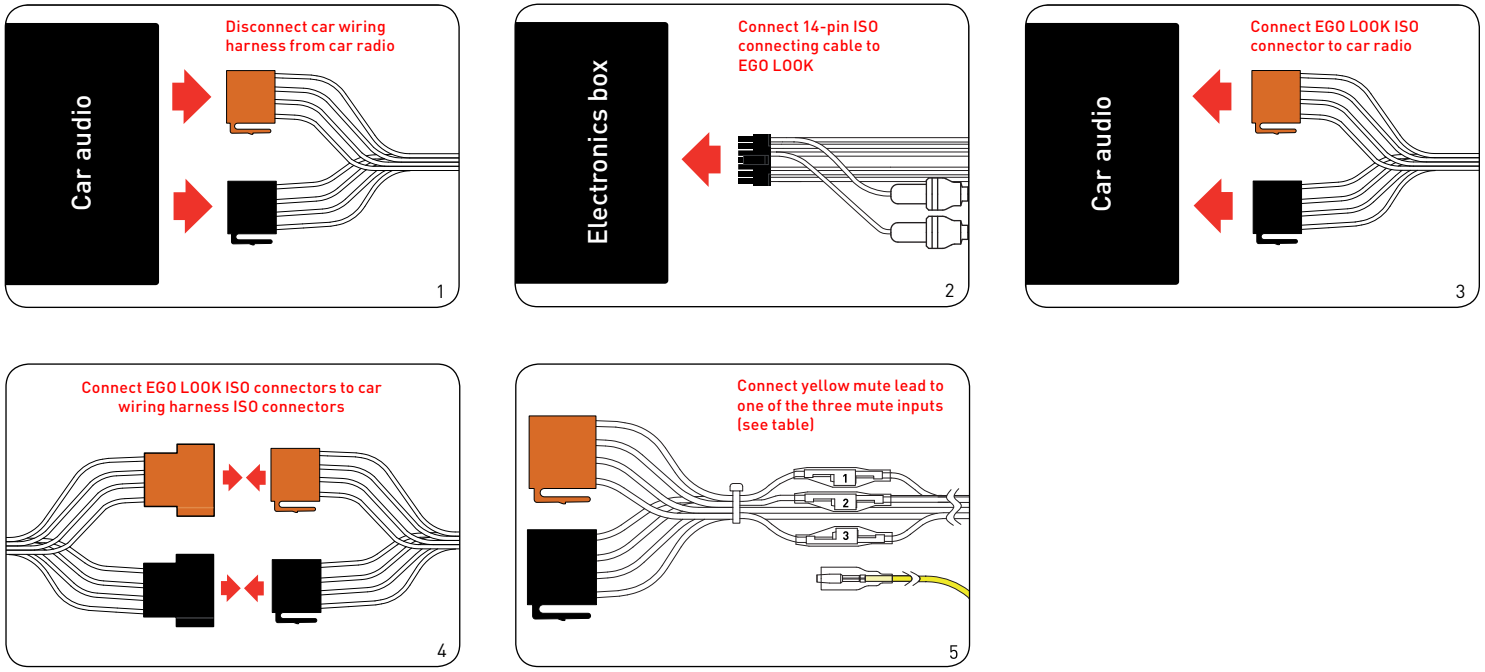


Fig. 09: Installation procedure

When the installation is completed, reconnect the grounding cable to the negative pole of the battery.

6.5.1 Checking the mute inputs

The mute inputs 1-3 can be seen in Fig. 5 of Illustration 09. The yellow mute cable of the hands-free equipment is connected to one of these inputs. The table below shows which mute input is to be used:

Fig. 10: Setting the PIN according to device type

		Socket contact housing	
Radio model	**Pin**	**Wire colour**	**Function**
Audi, Volkswagen, Grundig	1		
	2		Mute
	3		
	4	blue	Ignition (15)
	7	red	Permanent positive (30)
	8	brown	Ground (31)

		Socket contact housing	
Radio model	**Pin**	**Wire colour**	**Function**
Ford, Mercedes, Porsche, Becker	1		
	2		
	3		Mute
	4	red	Permanent positive (30)
	7	blue	Ignition (15)
	8	brown	Ground (31)

		Socket contact housing	
Radio model	**Pin**	**Wire colour**	**Function**
Blaupunkt	1		
	2		Mute
	3		
	4	red	Permanent positive (30)
	7	blue	Ignition (15)
	8	brown	Ground (31)

		Socket contact housing	
Radio model	**Pin**	**Wire colour**	**Function**
Philips	1		Mute
	2		
	3		
	4	red	Permanent positive (30)
	7	blue	Ignition (15)
	8	brown	Ground (31)

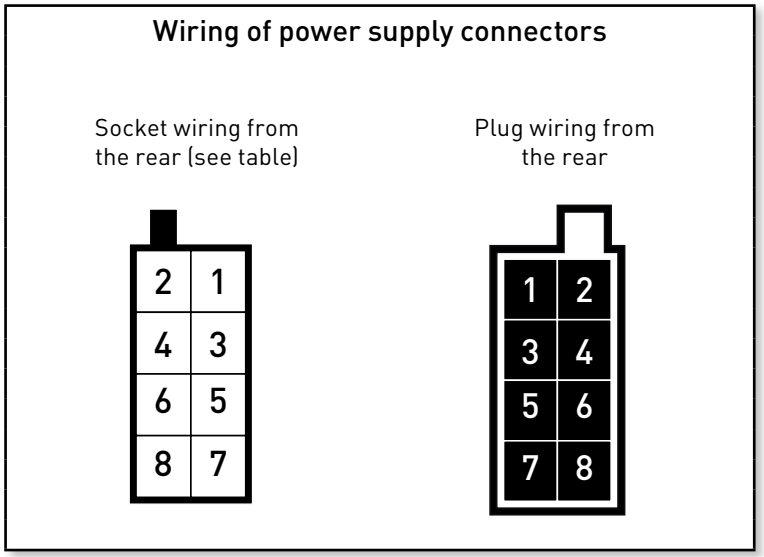


Fig. 11: Connector assignments

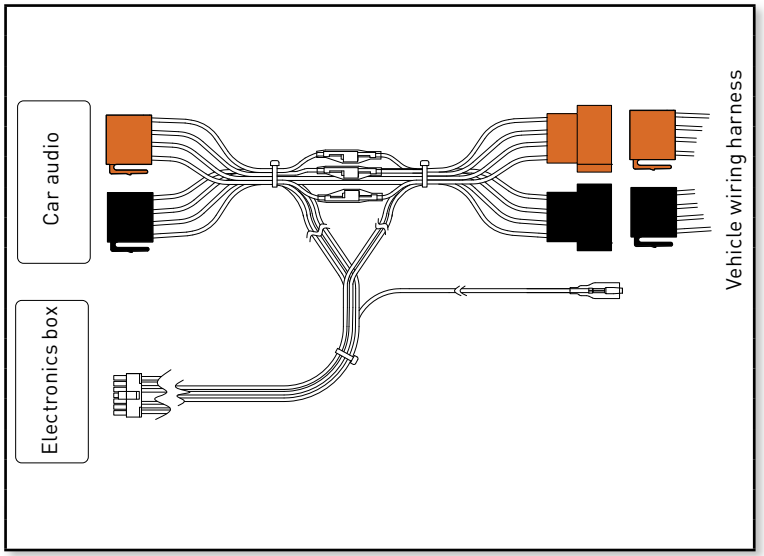


Fig. 12: Connection system

6.5.2 Checking the installation

When the ISO connection cable is correctly installed, a call remains active until the call is ended, even if the ignition has already been turned off beforehand. The system switches off automatically when the call has been ended. If the system switches to off immediately switches off,then exchange the ignition lead (blue) with the power supply lead (red) as shown in Fig. 13b.

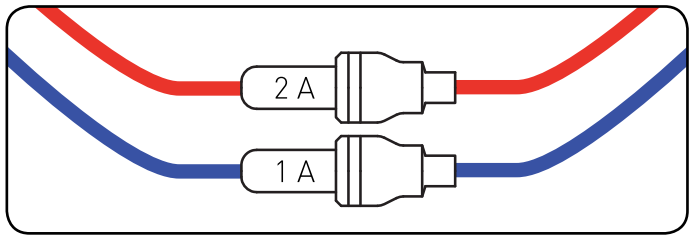


Fig. 13a: View of original connection

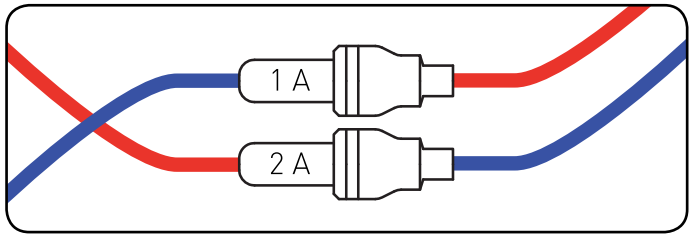


Fig. 13b: View after changing cables

PLEASE NOTE: the fuses should remain in place when opening the fuse compartment, make sure that they are not inadvertently exchanged!

6.5.3 Additional external speakers

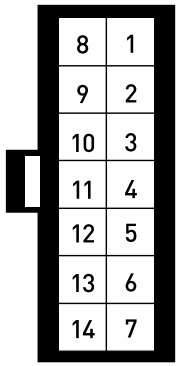
In the following cases, additional speakers (4 Ω, min. 5 W) must be used:

→ when the car audio system speakers should not be used
→ when the output rating of the speaker channel is greater than 35 W (Sinus) and the car audio system has no phone connection option
→ when the car audio system is used with active speakers and has no phone connection option

Feedback interferes with the clarity of calls. Mount additional speakers at a distance of at least 31 in from the microphone. When mounting additional speakers, please observe the manufacturer's installation instructions. Speakers can be connected to the green (pin 14) and the purple (pin 7) leads of the connection cable. First of all, the purple and green leads must be disconnected from the ISO connector (see Fig. 14).

Pin	Colour	Function
1	Brown	Ground (31)
2	Yellow	Radio mute
3		
4		
5		
6	White	Car audio speaker output + (front right)
7	Purple	Speaker lead + (front right)
8	Red	Permanent positive (30)
9	Blue	Ignition (15)
10		
11		
12		
13	Black	Car audio speaker output - (front right)
14	Green	Speaker lead - (front right)

View of the plug side, from which the wiring is fed in the plug housing (with pin allocation)



Connection option for additional speakers on pin 7 (purple lead) and pin 14 (green lead) of the 14-pin plug

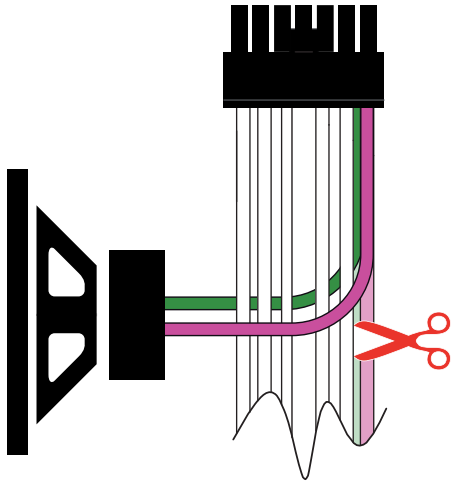


Fig. 14: Connecting external loudspeakers

6.6 Connecting the components to the electronics box

The individual components are connected to the electronics box as follows:

[1] Plug the microphone jack into the jack socket with the microphone symbol

[2] The electronic box line-in can be used to connect an optional MP3 player with line-out. To do so, a connection cable 0.14 in stereo jack plug to 0.14 in stereo jack plug (l = 4.92 ft) is required.

IMPORTANT: Only connect the device (MP3 player, iPod™, etc.) to the electronics box line-in with a jack cable when it is being powered by battery alone (without the recharger), as interfering impulses may otherwise cause damage to the electronic box line-in.

[3] The electronics box line-out must be connected to the car audio line-in. Depending on the car audio line-in configuration, one of the following cables is required:
→ Connection cable 0.14 in stereo jack to 0.14 in stereo jack (l = 4.92 ft)
→ Connection cable 0.14 in stereo jack to RCA plug (l = 4.92 ft)
→ Connection cable 0.14 in stereo jack to Mini-ISO (l = 4.92 ft)

[4] The display must be connected to one of the two jacks.

[5] The 14-pin plug of the ISO connecting cable must be connected with the electronics box.

[6] The base plate for the charging cradle may also be connected to the "charger" output socket.

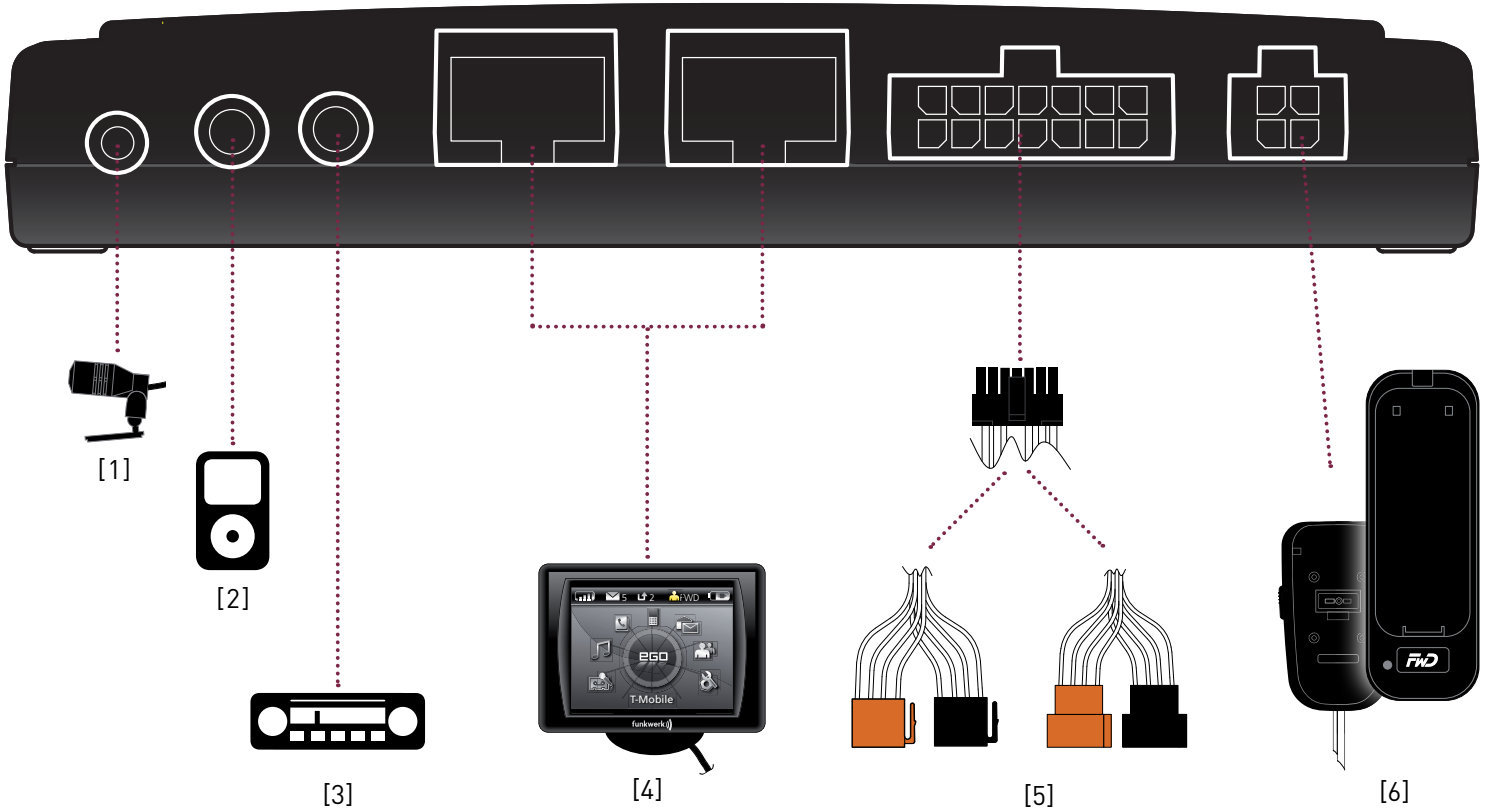


Fig. 15: Connecting electronics box

7 Operating instructions

ROAD SAFETY RISK! Failure to pay attention can lead to dangerous situations in traffic. You must always direct your complete attention to current traffic conditions, even when speaking with a hands-free device. It is advisable to avoid phone calls while driving in difficult traffic situations!

NOTE! Depending on the software version and the mobile telephones used, certain functions may not be available. For more information, visit www.fwd-online.de.

7.1 Features

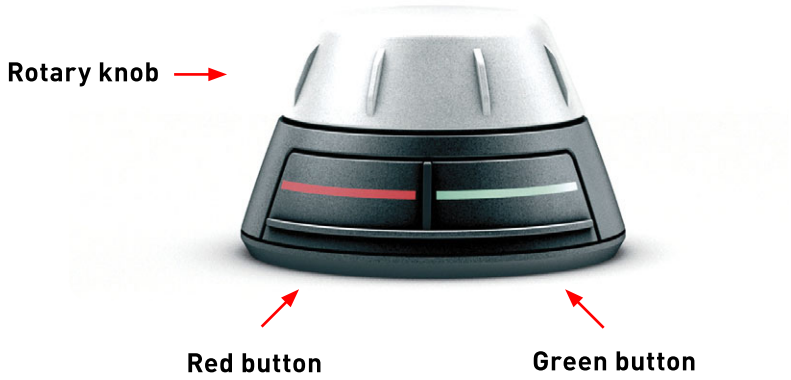
7.1.1 Overview of features

The hands-free EGO LOOK system supports the Bluetooth® hands-free profile. The EGO LOOK is the convenient system for phoning in your car. It provides the following capabilities:

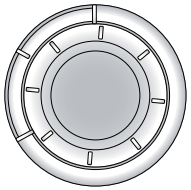
- Call functions, such as incoming/outgoing calls, call waiting, alternate between calls, conference calling, and redial
- Integrated voice control
- Intuitive voice dialing directly from your mobile phone's contacts list (without training)
- Allows users to read and reply to SMS messages
- Voicemail
- Dictation function
- Contacts list and call lists
- Music player – replay of music files on mobile phones, iPodsTM or MP3 players via Bluetooth® Audio Streaming (A2DP)
- Automatic radio muting
- Can be buddied with up to 10 mobile phones

7.2 Controls

The EGO LOOK controller has three buttons. The picture to the right gives a brief overview of the device's buttons. This section explains the functions of the individual buttons.



Button functions



You use the rotary knob to navigate through the menus and to select the active menu. Another function is the Voice control, which is activated by holding down the rotary knob. Numbers and letters can be selected using the rotary knob in the "Speller". You will find more information on the "Speller" and "Voice control" in the corresponding chapters.

Brief description: *Menu navigation, starting Voice control, entering numbers and letters, selecting the active menu, stopping the screen saver*

The green button is used for accepting an incoming call. Additional functions of the green button:
→ In the main screen: Selecting the active menu.
→ In the menus: Selecting the active menu.
→ In the contact list and the contact history: Starting a call to the currently selected number.

Brief description: *Accepting, selecting a menu, starting a call to the currently selected number, stopping the screen saver*

The red button is used to reject an incoming call. The red button can also be used to end a current call. Additional functions of the red button:
→ In the menus: Returning from the current submenu.
→ In edit mode: Returning from the current submenu.

Brief description: *Rejecting, hanging up, returning from the current submenu, stopping the screen saver*

NOTE: The EGO LOOK has a screensaver. After 60 seconds of inactivity, the brightness of the display is reduced. The display becomes brighter again after any button is pressed. At the same time, the button pressed performs the associated function.

7.3 Getting started with the EGO LOOK controller

Battery type
→ Only use CR2477 type lithium batteries. Other batteries can cause the unit not to operate properly or may even damage it.
→ The manufacturer assumes no liability for damage caused by the use of incorrect batteries.
→ The battery is not rechargeable.

Inserting the battery
→ While looking at the and buttons, rotate the lower portion of the controller clockwise and the upper portion counterclockwise to open the controller. Lift the upper portion.
→ Push the battery with the positive terminal (+) facing downward at an angle into the battery compartment and latch it in place. When inserted, you should not be able to see the labeled side of the battery.
→ Place the upper portion on the bottom so that the contacts of the bottom of the controller touch the contact surface in the upper portion. Place the latching tabs in the notches and rotate opposite the opening direction.

Removing the battery
→ While looking at the and buttons, rotate the lower portion of the controller counterclockwise and the

upper portion clockwise to open the controller. Lift the upper portion.

→ Remove the battery from the battery compartment and then put the controller back together again.

Activating the controller with the EGO LOOK

→ The controller must initially be activated with the EGO LOOK.

→ Switch on the EGO LOOK.

→ Within the first 10 seconds after switching the EGO LOOK on (indicated by the display backlighting being turned on), press the and buttons simultaneously for at least one second until the LED between the buttons is illuminated.

→ The controller has now been activated with the EGO LOOK and can be used. After changing the battery, it is unnecessary to perform the activation again.

Disposing of used batteries

→ Do not discard used batteries in household garbage.

→ Return used batteries to a designated collection point (e.g. your dealer or an electronics store).

7.4 Symbols

7.4.1 Symbols in the status bar

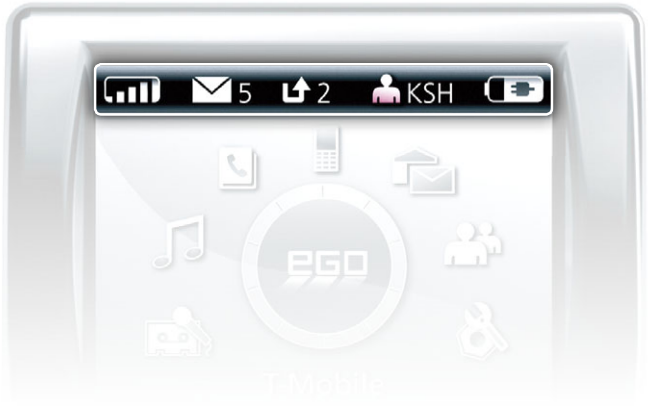


Fig. 16: Status bar
The status bar is a located at the top of the display and shows the symbols described in this section.

Field strength symbol – indicates the current strength of the reception field

SMS symbol – indicates text messages received

Arrow symbol – indicates missed calls

Indicates the user's initials

Battery symbol – indicates the battery capacity of the mobile phone

7.4.2 Speller symbols

Symbol for confirming input

Symbol to delete the last character

Symbol for changing to numeric input

Symbol for changing to lowercase letters

Symbol for changing to uppercase letters

Symbol for changing to special characters

Symbol for exiting the speller

7.4.3 Symbols for menu options

Activated option. This symbol appears in front of an activated menu item.

Deactivated option. This symbol appears in front of a menu item when it may be activated as an option.

7.4.4 Contact list number types

Symbol for personal telephone numbers

Symbol for mobile telephone numbers

Symbol for business telephone numbers

7.4.5 Music player symbols/buttons

Symbol for selecting the device

Symbol for setting the volume

Play, pause

Stop

Track skip, forward

Track skip, reverse

7.5 Speller

The controller controls the EGO LOOK using the rotary knob. In addition, the rotary knob is used for confirmation. The button is used to go one step back or to exit the menu. The Speller allows you to compose telephone numbers from individual digits or names from individual letters. It is available for various functions of the EGO LOOK, for example, for dialing a telephone number or for creating a contact list entry. Operating the Speller is explained in the following:

→ Entering numbers
By rotating the rotary knob, navigate to a digit and accept this digit by pressing the rotary knob. You can delete the last digit of the number by selecting the ← symbol. Once the number has been completely entered, you can confirm it by selecting the ↵ symbol. To cancel the process at any time, press the button.

→ Entering names or text
Similar to the method used for entering numbers, you can enter names or even entire texts using the Speller. Navigate to a character by rotating the rotary knob and accept it by pressing the rotary knob. You can delete the last character by selecting the ← symbol. Once the name has been completely entered, you can save it by selecting the ↵ symbol. To cancel the process at any time, press the button. You can switch between upper-case letters, lower-case letters, numbers and special characters using the symbols described in Chapter 7.2.3. You select these symbols using the rotary knob.

7.6 Getting started

Take enough time to familiarize yourself with the use of the EGO LOOK in combination with your mobile phone. First of all, make a few calls to determine the ideal volume and the best voice pickup direction before using the EGO LOOK in traffic.
When getting started, your car should be parked in a quiet place. It is also helpful if the person you will be calling can take time to let you make some test calls.

7.6.1 About Bluetooth® technology

Bluetooth® technology is a wireless technology and, as such, it allows communication between individual devices without the need for cables. Data and voice information can be transmitted simultaneously. It is unnecessary to have line-of-sight routing between the devices. The transmission/reception range in the open is typically 33 feet. Interference from other electrical or electronic equipment or obstacles may, however, reduce this range. The frequency band, in which Bluetooth® operates, is reserved virtually worldwide. This, coupled with the fact that each Bluetooth® product is tested and approved for compatibility with other Bluetooth® devices, ensures the highest possible levels of compatibility with devices from a wide range of manufacturers. The EGO LOOK system supports the Bluetooth® hands-free profile. This means that it is fully compatible with all phones supporting the Bluetooth® hands-free profile. If you are uncertain, read the operating instructions for your mobile phone to see which profiles are supported.
A2DP (Advanced Audio Distribution Profile) is a technology that enables the wireless transmission of stereo audio signals via Bluetooth® to a compatible receiving device. Please take a look at our homepage for information about compatible mobile phones

7.6.2 Activating the controller

You can read how to activate the radio controller with the EGO LOOK in Chapter 7.3 „Getting started with the EGO LOOK controller“ in „Activating the controller with the EGO LOOK.“

7.6.3 On / Off function

The first time you use your EGO LOOK, you need to start it by switching on the ignition. You will see the start logo followed by the main screen. If the EGO LOOK is not connected to a mobile telephone, or if no user is found, the functionality of the main menu is limited.
To establish a connection to the EGO LOOK, you need to select the menu item „Manage users“ using the rotary knob. There, you select „New user.“ The EGO LOOK then searches for mobile telephones in its reception range. If your mobile telephone is not found, you can start a search again or read the „Troubleshooting“ section. If the name of your mobile telephone is displayed, select it by pressing the rotary knob. Once connected with the EGO LOOK, complete functionality

is available in the main menu. Capabilities not supported by the mobile telephone cannot be selected. Once the ignition is switched off, the EGO LOOK powers down. If the ignition is switched off during a telephone call, this telephone call is maintained. The EGO LOOK does not power down until the telephone call has been completed.

7.6.4 Entering the Bluetooth® PIN

After a few seconds you will be prompted to enter your Bluetooth® PIN. Enter the PIN shown on the EGO LOOK display onto your mobile phone.

7.6.5 Hands-free mode

In some cases, coupling with your mobile phone in the hands-free mode does not work when using the method described above. If you are sure that your mobile phone supports the Bluetooth® hands-free profile, proceed as follows: In the list of detected devices, select "couple from phone". Now you need to search for Bluetooth® devices using your mobile phone. The procedure for this can be found in the operating instructions for your mobile phone. The mobile phone will then start searching for devices. Select the EGO LOOK from the list of devices found by your mobile phone. During the coupling process, your mobile phone will prompt you to enter a PIN or password. At this point, please enter the series of numbers shown on the display of the EGO LOOK. After a short time, the mobile phone should inform you that coupling was successful. You may also cancel the coupling at any time by pressing the key. If coupling fails, please read the section on "Troubleshooting".

7.6.6 Automatic coupling

If the phone is already connected with the EGO LOOK, the EGO LOOK will try to couple to this phone. If the search is successful, a connection is automatically established. A search is always performed for the most recently connected mobile phone.
If the search process was unsuccessful, it's possible that Bluetooth® or the mobile phone is not turned on, or that you were not the last user. If you would like to select another user, activate user management and log this user in.

7.7 The menus

Using the rotary knob, navigate to a menu item. Select a menu item using the rotary knob or exit the menu by pressing the button. By pressing the rotary knob again, you select the submenu of the current menu. You can select from the following menu items listed in the menu overview below:

→ User management

User-specified settings such as “change initials”, “log in”, “log out”, etc., can be set out under this menu item. New users can also be logged on. For details, please see the “User management” chapter.

→ Settings

General settings for the EGO LOOK can be entered under this menu item. These range from “Ringtone” to “Software update” to “Voicemail”. The exact breakdown can be found in the following overview, which depicts the menu structure. You can find more information in the “Settings” chapter.

→ Music player

The “Music player” menu allows you to playback songs and to control them as usual with Play, Pause, Stop, Forward, and Reverse. The playback device can be coupled to the EGO LOOK under “Options”. For details, see the “Music player” chapter.

→ Dictation function

The dictation function allows you to record and playback memos. All voice recordings are listed under the menu item. The dictation function is described in detail under the chapter of that name.

→ Contacts list

The contacts list contains the entries downloaded from the mobile phone. Each number in an entry can be accessed. In addition, direct outward dialing is possible here (without voice control). You can find more information in the “Contacts list” chapter.

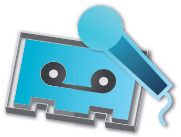
→ Call history

This contains lists of the last dialed numbers, accepted calls, and missed calls. You can mark an entry using the rotary knob and start a call using the button. You will find more information in the „Call history“ chapter.

→ Messages

Contains the list of text messages (SMS). Unread messages are marked accordingly. The messages menu is divided into “Read messages” and “New message”. More information can be found in the “Messages” chapter.

Main menu structure for the EGO LOOK



User management	Settings	Music player	Dictation function	Contacts list	Call history	Messages
→ New user	→ Ringtone	→ Playback	→ New recording	→ Search	→ Missed call	→ Read message
→ User 1	- *Melody*	- *Play*	→ Recording 1	→ Entry 1	→ Calls received	- *Call back*
- *Change initials*	- *Volume*	- *Pause*	- *Listen*	→ Entry 2	→ Number dialed 1	- *Answer*
- *Change icon color*	→ Brightness	- *Stop*	- *Delete*	→ ...	→ Number dialed 2	- Send
- *Log in*	→ Call settings	- *Forwards*	→ Recording 2	→ Entry ...	→ ...	- Edit
- *Log out*	- *Send number*	- *Reverse*	- *Listen*	→ Options	→ Number dialed ...	→ New message
- *Delete*	- *Call waiting*	→ Options	- *Delete*	- *Direct dial*		- *Send*
→ User 2	- *Automatic answer*	- *New device*	→ Recording 3	- *Synchronize*		- *Edit*
- *Change initials*	→ Direction of rotation	- *Device 1*	- *Listen*	- SIM		
- *Change icon color*	→ Delay	- Connect	- *Delete*	- Telephone		
- *Log in*	→ Factory settings	- Disconnect	→ ...	- SIM + telephone		
- *Log out*	→ Software update	- Delete	→ Recording ...			
- *Delete*	→ Info	- *Device 2*				
→ ...	→ Help	- Connect				
→ User 10	→ Language	- Disconnect				
	→ Voice control	- Delete				
	- *Start*	- *Device ...*				
	- *Recognition language*					
	→ Audio management					
	- *Mic sensitivity*					
	- *Line in*					
	- *Volume*					
	- *Line out*					
	→ Voicemail					
	- *On / off*					
	- *Record text*					
	- *Listen to text*					
	- *Listen to recording*					
	→ Switch off					

7.7.1 User management

Symbol:

The EGO LOOK allows you to manage up to 10 user profiles; you can quickly and easily switch between these profiles while using the EGO LOOK. Individual information saved for each user includes the following:

- → Contacts list
- → Display brightness
- → Ringtone
- → Display language
- → Volume settings
- → Voicemail
- → Dictation device
- → Call lists

Starting the Manage users function
To reach the Manage users function, go to the symbol on the main screen and press the rotary knob. Then, you will see the users linked to the EGO LOOK and the „New user“ item. If no users are linked, only the „New user“ item is present.

Create a new user
To activate a new user, you must select the „New user“ item using the rotary knob and then press the rotary knob. All further steps are similar to those in the „Getting started“ chapter.

Change user initials
Open Manage users. Then, select a user and press the rotary knob. This brings you into a submenu. From there, select the „Change initials“ item. Using the Speller, you can now edit the name of the user.

Change icon color
In this item, the user can change the color of the user symbol . Ten colors are available.

Reset user
To delete all user data, open Manage users. Select the user to be reset. Confirm your selection by pressing the rotary knob. A menu opens. In this menu, select the „Delete“ item. All user data is now deleted from the EGO LOOK.

Change users
To change users, move into Manage users and select the desired user. Confirm your selection by pressing the rotary knob. A submenu opens. Select the „Activate“ item. The previous user is deactivated and the new user activated. If the selected user can be found, the change in users takes place immediately. If the user cannot be found, the program returns to Manage users.

Log out user
You can disconnect the current Bluetooth® connection within “User management” under the current user with the “Log out” menu item.

7.7.2 Calling

If there is a Bluetooth® link between the EGO LOOK and a mobile telephone, you can use the hands-free capability of your EGO LOOK. You can dial a number using voice dialing, the menu, or directly on the mobile telephone.

Incoming call
If the mobile phone is available over the Bluetooth® connection, the call is signaled with the ringtone on your mobile phone. Otherwise a signaling tone is generated by the EGO LOOK.
If the caller has not blocked his number and if the mobile telephone supports this function, the number, or the name of the caller if a corresponding entry is found in the contact list, is displayed. You can decide to accept the call (button) or reject it (button). If you accept the call, you can regulate the volume using the rotary knob. The setting is stored. You may end the call by pressing the button.

Call setup
Call setup from the EGO LOOK is only possible if there is an existing Bluetooth® connection between the EGO LOOK and the mobile phone. You may set up a call with voice-activated dialing or through the menu.
To activate voice dialing, press the rotary knob for longer than a half a second. With the command „Dial number," you can announce the telephone number to be dialed or with the „Dial <Name>" command you can dial an entry in the contact list directly. You can find more information on this in the „Voice control" chapter. (Take paragraph into account)

The following methods may be used to initiate a call from the menu:

→ by selecting from the contacts list and the mobile phone
→ by direct outward dialing of a number with the number speller
→ dialing from the call list on your mobile phone
→ through the call-back feature for received SMS messages

And lastly, you may also dial a number directly on your mobile phone.

IMPORTANT NOTE: Please observe your country's regulations on in-car telephone use!

Call ended
Once a call is ended, the menu jumps back to the main menu. If an incoming call is rejected with the key, the menu jumps to the previous menu.

Setting the volume
You can regulate the volume during a call and during active speech recognition using the rotary knob.

TIP! If the person you're speaking with cannot hear you well, consider increasing the sensitivity of the microphone in the "Audio management" menu under "Settings". There is a risk, however, that this may produce annoying echoes.

Options during phone calls
During a phone call, the following options can be carried out once the rotary knob has been turned:
→ DTMF tones
→ Mute mic.
→ Private mode
→ Record
→ Alternate between calls

→ DTMF tones
Here, touch key tones are selected and then sent by means of the speller.

→ Mute mic.
With this option, the microphone can be switched to mute. The person you have been speaking with can then no longer hear you. Pressing again deactivates the muting of the microphone.

→ Private mode
You can also switch into Private mode during a telephone call by selecting the „Private mode“ item and confirming with the rotary knob. The call now only uses the mobile telephone. Communication by way of the EGO LOOK is not possible at this moment and anyone else in the vehicle cannot listen to the conversation. Pressing the rotary knob again ends Private mode.

Important note: In most countries, phoning while driving is only allowed when using a hands-free system.

→ Record
If the need to record an important call arises, this can be achieved with the “Record” function. The person you are LOOKing to is then informed that the conversation is being recorded. The recording can then be retrieved from the “Voicemail” folder.

→ Call waiting
If the call waiting feature in your mobile phone and the EGO LOOK is switched on, while you are LOOKing to another person, incoming calls from third parties are signaled. The name or number of the third calling party is displayed, if possible. You can accept the call with the key or reject it with the key.
If you accept the call of the third party, the active caller is automatically put on hold. If you reject the third calling party, the conversation with the active caller is continued.

→ Call switching
You can switch between two callers by pressing the button. Then, you select the context menu item „Call switching.“ The active caller is shown in the display as the top entry. You can switch back and forth between the callers by pressing the button again. In the Call switching mode, the volume of the active caller can be changed using the rotary knob.

→ Voicemail
If you are unable to answer a call, voicemail is activated, and information left by the caller is accepted. When the call is ended or when the allotted recording time is exceeded, voicemail is switched off.
When voicemail is activated, the call is accepted in the background, and the user can listen along to the message; the message is recorded.
If voicemail is activated by a caller in the call-waiting system, the call can not be heard by the user.

Important note: In most countries, phoning while driving is only allowed when using a hands-free system.

7.5.3 Contacts list

Symbol:

The mobile phone's contacts list can be read via the "Contacts list" menu item. In addition to dialing numbers from the contact information with the key, entries can be found more quickly with the search function. You may also

download the contacts list from the mobile phone under the “Option” menu item, or enter the number via direct outward dialing.

Read
To read numbers from the contacts list, please select the menu item. After opening the contacts list, all entries contained in the list are displayed. Select the number or name you want to call and press the key. The numbers stored under this name are then displayed. By pressing the key once again, the number is dialed.

Search
If searching for a particular name becomes difficult due to a large number of entries, the search function may be used. With this function, entries may be searched for a specific name or specific first letters. The desired name or first letters can be entered by using the speller. By pressing the key, the contacts list will be searched for this name or letter.

Direct dial
Direct dialing is possible in addition to voice-activated dialing. As described under the “Speller” and “Call setup” items, a number can be entered here by hand using the speller. The call is set up after confirming the number with the key.

Synchronizing
In the „Synchronize“ item, you can download the contact lists of the mobile telephone or from the SIM card into the EGO LOOK memory. Both contact lists can be synchronized, too. Once you have selected a contact list, you confirm this with the rotary knob. Now a loading bar appears in the display. This bar indicates the instantaneous progress of the synchronization process. If the download has been completed successfully, the entries are now found in the EGO LOOK contact list. In addition, you can cancel the download manually using the button. If you decide to cancel, you must reconfirm this by answering the Yes/No question. If you answer „Yes“, the synchronized entries are deleted and the program returns to the „Contact list“ menu. If you answer „No“, synchronization continues.

7.7.4 Call history

Symbol:

In the “Call history” menu item, you may view “Numbers dialed”, “Missed calls”, and “Calls received”. After selecting the

"Call list" menu item, a list of numbers dialed is downloaded from the mobile phone. "Missed calls" and "Calls received" may also be viewed by selecting the corresponding upper list entries. Some mobile phones do not support access to the call list; in this case, a call list is maintained within the EGO LOOK.

7.7.5 Voicemail

The "Voicemail" item can be found under the "Settings" menu. It may be activated or deactivated here. It is also possible to record a message that will be played when voicemail is launched. The recorded message can be played back in order to check it. Information left by a caller within voicemail can be replayed under the "Listen to messages" item.

7.7.6 SMS

Symbol:

The EGO LOOK supports the sending and receiving of text messages. The menu is structured in same form users are familiar with from their mobile phones. Messages received can be viewed under the "Incoming SMS" item. The sender of the message can be called back by phone using the "Call-back" function. You may also reply to the sender with a text message (SMS). In addition, new messages may be recorded. Various templates are available for this purpose. Here you have the possibility to modify the templates as you wish, under the "Edit" item. To send, press the "Send" key and select a name from the contacts list or enter the telephone number directly.
If for some reason the text message is not sent, the EGO LOOK informs the user and jumps back to "Edit text" mode.
If the mobile phone does not support the sending of SMS messages via Bluetooth®, then the "SMS" menu item cannot be selected in the EGO LOOK.

7.7.7 Music player

Symbol:

The music player is activated through the main menu. The music player may also be activated without a mobile phone

being couple to the EGO LOOK. In order to play back music, the EGO LOOK must be coupled to an A2DP-capable device (such as a mobile phone with A2DP, an iPod™ or an MP3-Player with A2DP adapter).
Connection / coupling
Under the "Option" menu item, a "New device" may be coupled, or an already coupled device may be connected. A total of 10 devices may be coupled, whereas only one device may be active. If a "New device" is selected, a Bluetooth® device search is performed. The desired device can be selected from there.
If the music device does not support coupling from other devices, it is also possible to couple the EGO LOOK from the music device via the "Couple from device" menu item. In both cases, a four-digit PIN code is displayed by the EGO LOOK, which must be entered into the music device. Is the PIN is incorrect, the menu jumps back to device selection, and you must repeat the process.
If an iPod™ or MP3 player with an A2DP adapter is used, these devices couple automatically with the EGO LOOK. For this, the "Couple from device" menu item must be selected during the search for devices. After coupling, all playback functions are available to the user.

Playback
The following functions are available for playback and are shown in the display:

- → Play
- → Pause
- → Stop
- → Forwards (by title)
- → Reverse (by title)
- → Volume setting (playback volume adjustable in 10 steps)

Return to the symbols using the rotary knob. For a description of these keys, please see the "Symbols" chapter.

7.7.8 Dictation function

Symbol:

Recording
The Dictation function allows you to make your own voice recordings. This function is particularly useful when you do not have pencil and paper at hand while driving the car. You now have the potential of storing important information as a voice recording. To do this, select the „New recording“ item and confirm using the rotary knob. If you manually stop recording, this recording is stored in the list to be played back later. If the recording memory is full, a signal is given. New recording is not possible again until old recordings have been deleted.

Playback
To play the recordings, select the appropriate recording and press the rotary knob twice. The recording is played for you.

Deleting
If you want to delete a recording, select the recording to be deleted and confirm using the rotary knob and go to the „Delete“ item. The recording is deleted by pressing the rotary knob.

7.7.9 Settings

Symbol:

The “Settings” menu is highly complex, since many settings for the EGO LOOK can be carried out under this menu item. The following settings can be carried out:

→ Ring tone
→ Brightness
→ Call settings
→ Direction of rotation

- → Follow-up time
- → Factory settings
- → Software update
- → Information
- → Help
- → Language
- → Voice control
- → Audio management
- → Voicemail
- → Power down

Ring tone

The „Ring tone“ menu is divided into „Melody“ and „Volume.“ Several ring tones are available under „Melody.“ You may set these according to your personal tastes. You can set the „Volume“ of these ring tones using the rotary knob.

Brightness

The brightness of the display can be adjusted here to the needs of the user.

Call settings

- → Send number
  The “Send number” feature can be switched on or off here. This setting is dependent on the network.
- → Call waiting
  The call waiting feature can be switched on or off here. If this feature is activated, calls from a third party will be signaled during an active phone call.
- → Automatic call answer
  If this option is activated, incoming calls are automatically answered after three rings.

Direction of rotation

- → Clockwise
  If this option is activated, rotating the knob clockwise signifies advancing in the menu or the contact list.

→ Counterclockwise
If this option is activated, rotating the knob counterclockwise signifies advancing in the menu or the contact list.

Delay time
You may determine how long the EGO LOOK should remain active after switching off the ignition. The delay time may be set in steps between 0 and 30 minutes.

Factory settings
This resets all settings back to the standard factory settings. In doing so, all user settings including the contacts list are lost.

Software update
The software for your EGO LOOK can be updated via Bluetooth®. For more details, please see the section “Software update”.

Info
Provides information about the various software and hardware versions of your EGO LOOK. Use this information when you contact our service department with questions and problems.

Language
The EGO LOOK supports multiple display languages. You can change the display language within this menu item.

Voice control
→ Start
Carrying out this item launches voice control. Control is performed with specific commands. For more information see the “Voice control” chapter.
→ Recognition language
If your EGO LOOK features multiple languages, you may select the language here.

Audio management

→ Microphone sensitivity
Under certain circumstances, it may be necessary to adjust the microphone sensitivity. For example, if the microphone is located too far from or too close to the driver. The EGO LOOK has 10 possible sensitivity settings available. The sensitivities are shown to the right of the display as bars. There are a total of five bars where one bar indicates two steps. The sensitivity can be adjusted using the rotary knob. Do not set the microphone to be too sensitive because this may result in over-modulation and poor audio quality for the other party.

→ Line in
In this menu item, you may activate the line in and vary the input volume of the audio device connected to the line in of the electronics box.

Note: Please note that only the connection of an audio device with line level is allowed. If the electronics box's line in is overamplified through an excessively high signal from the line out of the audio device, the volume must be reduced on the audio device.

→ Volume
The base volume of the line out as well as the ringtone and call playback through the speaker output of the electronics box can be adjusted within this menu item in 5 steps.

→ Line out
The channel for call playback can be set under this menu item. The items "right", "left", and "right + left" are available.

Voicemail

Voicemail functions can be switched on and off here. The user still has the option to record and listen to messages and to playback recordings. For more information see the "Voicemail" chapter.

Power down
The current Bluetooth® connection is severed under this item and the EGO LOOK is switched off. The EGO LOOK may be switched back on by pressing a single key.

7.8 Voice control

The dialogue-guided voice control of the EGO LOOK allows you to select a name or number via voice input. While numerical selection allows you to directly announce a number, you also have the option to select the name directly from the contacts list.

Switching the recognized language
Depending on the country version of your EGO LOOK, the voice recognition system supports up to three languages. One of these may be activated. To change the active recognized language, select the item „Setting → Voice control → Recognized language“ in the menu. A list of available languages is now displayed. Select the desired language and confirm by pressing the rotary knob. The EGO LOOK will now save your settings and begin updating the recognized language. The status of this process is displayed for you using a progress bar.

Activation and sequence
Voice control is only possible if you are not making a telephone call. By pressing the rotary knob for longer than a half a second while not engaged in a telephone call, the status text „Main menu“ is heard, and the message „Please speak“ appears in the display.
You may cancel each voice dialogue at almost any time with another prolonged pressing of the key. If the EGO LOOK is waiting for a voice command, you may end the dialogue by saying “abort”.
If there is no Bluetooth® phone connected to the EGO LOOK, voice-activated dialing cannot be activated.

The following voice commands are possible:

→ "Call / dial <name>"
→ "Call / dial <name> at home ...
at work / in the office / on business ...
on the cell phone"
→ "Dial number"
→ "Show dialed numbers"
→ "Show missed calls"
→ "Show received calls"
→ "Store note / recording"
→ "Read notes / recording"
→ "Help"
→ "Redial / call again"
→ "Abort"

"Call / Dial <name>"

This command may be used to select a name from the contacts list. The name must be contained in the contacts list for this command to function. If the name is not recognized or found, the EGO LOOK responds with "Please repeat" and offers you the chance to repeat the command. If the name is recognized, you will be asked if the name should really be dialed. The following commands are available to you:

→ "Yes / Call / Dial" Dials the number stored under that name
→ "No / Back" The number for the recognized name is not dialed
→ "Abort / Cancel" Ends the dialogue without carrying out a function
→ "Help" Calls up Help and an explanation of possible commands

"Call / Dial <name> at home ... on the cell phone"

With this command, you may dial a specific type of number from a contacts list entry. If the name is recognized, you will be asked if the name should really be dialed. The following commands are available to you:

→ "Yes / Call / Dial"	Dials the number stored under that name
→ "No / Back"	The number for the recognized name is not dialed
→ "Abort / Cancel"	Ends the dialogue without carrying out a function
→ "Help"	Calls up Help and an explanation of possible commands

"Dial number"

You will be prompted to enter the number to be dialed. This may be done with individual numerals as well as groups of numbers. If you insert a pause, the last number/group of numbers entered is repeated for checking. In addition, you will be notified if you exceed the maximum telephone number length. In addition to continuing with the entry of numerals, the following additional commands are available:

→ „+, *, #, 0, 1, ..., 9"	For entering the number
→ "Delete all"	To delete the entire phone number entered
→ "Delete / Correct / Change"	To delete the last number/group of numbers entered
→ "Repeat"	To announce the entire phone number entered up to this point
→ "Yes / Call / Dial"	To dial the phone number entered
→ "No / Back"	To not dial the number entered
→ "Abort / Cancel"	Ends the dialogue without carrying out a function
→ "Help"	Calls up Help and an explanation of possible commands

"Show dialed numbers"

This requires that numbers / names are included in the call list. If there is no entry, the EGO LOOK informs the user. The announcement can be stopped at any time by pressing the button. Afterwards, the following commands are available to you:

→ "Call / dial <name>"	To dial the name in the call list
→ "Call / dial entry number <1-20>"	To dial a numbered entry in the call list
→ "Yes / Call / Dial"	To confirm the selection of the number/name
→ "No / Back"	To not dial the number/name in the call list
→ "Abort / Cancel"	Ends the dialogue without carrying out a function
→ "Help"	Calls up Help and an explanation of possible commands

Some mobile phones may not support a call list via Bluetooth®. If this is the case, the EGO LOOK cannot show any entries with this command.

"Show missed calls"

This requires that numbers / names are included in the call list. If there is no entry, the EGO LOOK informs the user. The announcement can be stopped at any time by pressing the button. Afterwards, the following commands are available to you:

→ "Call / dial <name>"	To dial the name in the call list
→ "Call / dial entry number <1-20>"	To dial a numbered entry in the call list
→ "Yes / Call / Dial"	To confirm the selection of the number/name
→ "No / Back"	To not dial the number/name in the call list

→ “Abort / Cancel“ Ends the dialogue without carrying out a function
→ “Help” Calls up Help and an explanation of possible commands

Some mobile phones may not support a call list via Bluetooth®. If this is the case, the EGO LOOK cannot show any entries with this command.

“Show received calls”

This requires that numbers / names are included in the call list. If there is no entry, the EGO LOOK informs the user. The announcement can be stopped at any time by pressing the button. Afterwards, the following commands are available to you:

→ “Call / dial <name>” To dial the name in the call list
→ “Call / dial entry number <1-20>” To dial a numbered entry in the call list
→ “Yes / Call / Dial” To confirm the selection of the number/name
→ “No / Back” To not dial the number/name in the call list
→ “Abort / Cancel“ Ends the dialogue without carrying out a function
→ “Help” Calls up Help and an explanation of possible commands

Some mobile phones may not support a call list via Bluetooth®. If this is the case, the EGO LOOK cannot show any entries with this command.

“Store note / recording”

This command initiates recording of a spoken note. The EGO LOOK checks if enough memory is available. The user can save the message and end the recording with the key. There is no command for ending the recording. Afterwards, the following commands may be given:

→ “Yes / Store” To save the memo
→ “No / Back / Discard” To reject the memo
→ “Abort / Cancel” Ends the dialogue without carrying out a function
→ “Help” Calls up Help and an explanation of possible commands

“Read notes / recording”

With this command, it is possible to listen to the recorded memos. Only one memo is played. With the correct command, you can listen to the next note. The following commands are available:

→ “Next / Continue” To play the next note
→ “Repeat” To replay the note
→ “Delete” To delete the note
→ “No / Back” To return to the main menu
→ “Abort / Cancel” Ends the dialogue without carrying out a function
→ “Help” Calls up Help and an explanation of possible commands

"Help"

As with "Cancel", this command may be used at any time. If the "Help" command is selected, the EGO LOOK explains which commands are possible for specific functions at the time they are called up.

"Redial / call again"

This command you provides you with the simplest way to redial the most recently dialed phone number. No further dialogue follows. Dialing is only possible when the mobile phone is logged in. An announcement will then inform you when dialing begins.

"Abort / Cancel"

With his command, the current dialogue is ended immediately without any function being carried out.

8 Software update

The software for your EGO LOOK can be updated to the latest version via Bluetooth®. In order to receive the most current software, please visit our website at *www.fwd-online.de*. A detailed description of the update procedure is included with the software.

9 Service

(FAQ) – A list of frequently asked questions

1. **Is it possible to dial directly (without voice control) with the EGO unit?**
   Yes, with all EGO units except EGO TALK, under the menu item "Contacts list / Options / Direct outward dialing".

2. **What are the exact dimensions of the EGO LOOK components?**
   You can find the dimensions in the operating instructions under the "Technical data" section.

3. **Are EGO units suitable for all types of vehicles?**
   Yes, EGO units are suitable for all types of vehicles. See installation instructions!

4. **Is there a list of optional charging cradles?**
   Yes. A list of optional cradles is available on our website.

5. **Are software updates for the units free?**
   Yes.

6. **Where can EGO be purchased?**
   From authorized specialty dealers. You can find a specialty dealer in your area through our website under the link Dealers → Dealer search.

7. **What is the procedure for transferring data in order to playback music?**
   Data transfer is possible with the EGO LOOK in two ways (Bluetooth® and Line-in). It is possible to make an MP3 player and iPod™ Bluetooth®-capable with a dongle/adapter. If an MP3 player without A2DP is used, a jack cable can be used to connect it to the EGO LOOK.

8. **Do EGO units have an external antenna port?**
   In combination with the optional charging cradle and the associated base plate, the mobile phone can be connected to the external antenna port.

Troubleshooting:

Problem	Cause	Remedy
EGO LOOK won't switch on	No supply voltage	Replace fuse if needed and check cable and connections
	Ignition not switched on	Switch on ignition
	Ignition line interrupted	Check line and 1A fuse
The person you are having a phone conversation with cannot hear you	The microphone is not plugged in	Connect the microphone to the electronics box. If the cable is defective, replacement is necessary
The person you are having a phone conversation with complains of interference	Air is flowing across the microphone	Mount the microphone in another place or reduce air flow if needed
	The mobile phone is very close to parts of the EGO LOOK or the car radio	Increase the distance between your mobile phone and the EGO LOOK or radio
The person you are having a phone conversation with complains of echoes	Too little space between the microphone and speaker	Increase distance or decrease volume
	Volume too high	Reduce volume
The mobile phone cannot find the EGO LOOK during coupling	EGO LOOK is already coupled with a device	Cancel existing connection
Sound is fuzzy or scratchy	Poor Bluetooth® connection	Reduce the distance between the mobile phone and EGO LOOK or remove (metallic) obstructions if needed
After switching on the ignition, the connection to the coupled mobile phone is not produced.	The mobile phone is not within range.	Place the mobile phone within the range of the EGO LOOK
	The Bluetooth® interface is deactivated in the mobile phone.	Switch your mobile phone's Bluetooth® to "On" ("Automatic" option is not sufficient)
	The mobile phone requires confirmation of the connection setup.	Confirm the connection on the mobile phone. Deactivate the security prompt (see operating instructions for the mobile phone)
	One of the devices no longer has a valid link key.	Delete the other device from both devices' list of coupled devices and perform a new coupling.
No reaction to user input	System frozen (not responding)	Press the reset button on the back of the display using a thin object (e.g. a paper clip). The system restarts.

10 Accessories and spares parts

You can find out more about supported mobile phones on our website at *www.fwd-online.de*. Your dealer will also be happy to advise you if you have any questions.

Accessories:

Stereo Mute Box
Relax and listen to music or phone from your car. The Stereo Mute Box provides smart sound management. This compact box plays your calls or music over the car's speakers – of course in superb stereo sound. The car radio is muted during calls or when listening to music.

Features:
- Radio muting during calls or music playback (Audio Streaming)
- Stereo music reproduction in combination with the car's front speakers
- Phone audio over the front speakers

Base plate with charging cradle
The charging cradle is a practical accessory for Bluetooth® hands-free systems by Funkwerk Dabendorf. The charging cradle holds your mobile phone firmly and allows you to recharge its batteries in your car and is an ideal accessory for drivers who are constantly on the road and often need their phones. In addition, the external antenna connection ensures outstanding reception and transmission.

Features:
- Intelligent charging circuit for mobile phones
- Mobile phone safely and securely held in the charging cradle
- External antenna connection for excellent call quality

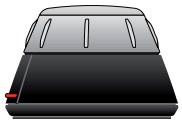
Replacement parts:

[1] Electronics box
[2] Display
[3] Controller
[4] Microphone
[5] Set of connecting cables
[6] Adapter cable

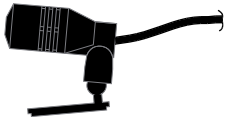
[1]

[2]

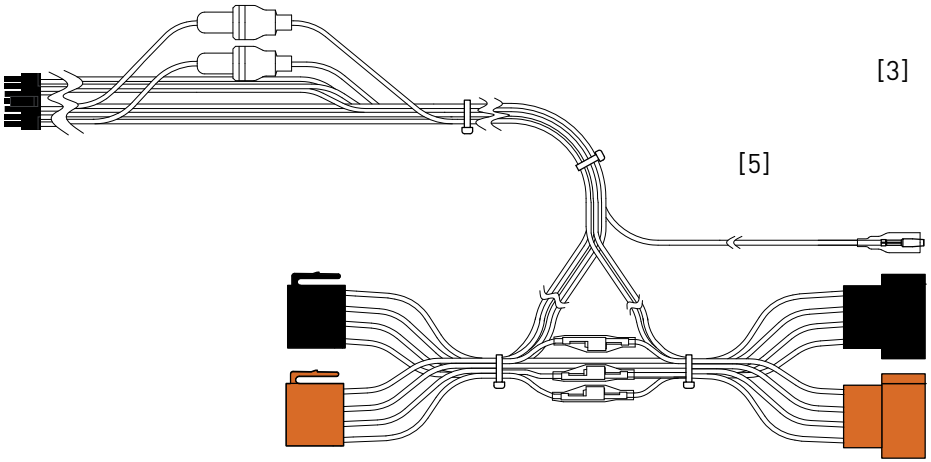
[3]



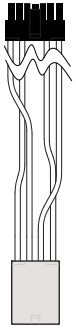
[4]



[5]



[6]



11 Technical specifications

Outer dimensions of the electronics box	5.138 in x 2.126 in x 0.886 in
External dimensions: Display without base	3.039 in x 3.039 in x 0.906 in
External dimensions: Controller	1.843 in x 1.843 in x 1.244 in
Control unit cable lengths	6,56 ft
Operating voltage	11 V to 15 V
Quiescent current consumption (ignition off)	max. 0.1 mA
Steady plus fuse protection	2 A
Ignition fuse protection	1 A
Temperature range	-10°C to +55°C
Interfaces	Microphone connection, line in, line out, accessory port, power supply terminal and charging connection
Supports Bluetooth® profiles	Hands-free, A2DP, AVRCP

12 Certification

CE 0681

Fully compliant with the EU R&TTE Directive 1999/5/EC

e 1

03 5074

Model certifi cation according to EU Directive 72/245/EWG (2006/28/EC) “Electromagnetic compatibility in motor vehicles”

Bluetooth® is a registered brand name of Bluetooth SIG, Inc.

13 Conformity statement

This equipment employs Bluetooth® wireless technology. In some countries, the use of this equipment may be restricted or forbidden. Please make sure you are familiar with such restrictions and do not use your equipment if you are unsure whether its use is permitted in particular countries you may be visiting.
Bluetooth® is a registered brand name of Bluetooth SIG, Inc.

Funkwerk Dabendorf GmbH
Märkische Straße
D-15806 Dabendorf

Confirms that the **hands-free system "EGO LOOK"** complies with the fundamental requirements and other relevant regulations of the EU Directive 1999/5/EC.

CE 0681

FCC / IC statements

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

→ Reorient or relocate the receiving antenna.
→ Increase the separation between the equipment and receiver.
→ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
→ Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications made to this equipment not expressly approved by FWD may void the FCC authorization to operate this equipment.

FCC Radiation Exposure statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC / IC statements for radio controller „FwD FBT“

The labels for the radio controller according to FCC / IC can be found inside the battery lid.

NOTICE: This device complies with Part 15 of the FCC Rules [and with RSS-210 of Industry Canada]. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE: Changes or modifications made to this equipment not expressly approved by (manufacturer name) may void the FCC authorization to operate this equipment.

NOTICE: This Class A digital apparatus complies with Canadian ICES-003.

14 Hotline

Any questions, comments, or suggestions? Would you like some more detailed information? Do you need an adviser or service in your area? Just give us a call!

Our service hotline is there to help you during the following times:

Monday–Friday from 8.00 a.m. to 5.00 p.m. (PST)

Before you call us with your problem, please check first with the following steps:

→ Check whether you can solve your problem with the „Troubleshooting“ checklist in Chapter 9.
→ Make sure you have your hands-free system and holder set type available.
→ Try to explain your problem as precisely as possible.

You can contact our service hotline by dialing:

Phone: (+1) 858.566.2170
Fax: (+1) 858.566.2179
eMail support@egohandsfree.com

RAYTEL Corporation

A partner of Funkwerk Dabendorf GmbH
8820 Kenamar Drive, Ste 506
San Diego, CA 92121

Telephone	(+1) 858.566.2159
Fax	(+1) 858.566.2179
eMail	support@egohandsfree.com
Internet	www.egohandsfree.com

funkwerk
dabendorf

A Funkwerk AG company

Funkwerk Dabendorf reserves the right to modifi cations in the course of technological progress and deviations from the delivery scope! All rights reserved!
Reproduction, in whole or in part, is only permitted with the prior written consent of Funkwerk Dabendorf GmbH!